

WHAT IS CLAIMED IS:

1. A method of treating a surface of a face panel used for an image display device, comprising formation of at least one layer of coating film on a panel by spraying a coating material comprising microparticles, wherein the coating material comprises a solvent comprising ethylene glycol, propylene glycol ether, water, and an alcohol having 1-3 carbon atoms.
2. The method according to claim 1, wherein the solvent in the coating material comprises ethylene glycol in a range from 5 weight % to 10 weight %, propylene glycol ether in a range from 30 weight % to 50 weight %, and water in a range from 20 weight % to 30 weight %.
3. The method according to claim 1, wherein the coating material comprises a solid in a range from 1 weight % to 5 weight %.
4. The method according to claim 1, wherein the microparticles comprise electroconductive microparticles.
5. The method according to claim 1, wherein the microparticles have an average particle diameter ranging from 0.01 μm to 0.1 μm .
6. The method according to claim 1, wherein the surface of the panel has a temperature ranging from 50°C to 90°C when the coating material is sprayed for coating.
7. The method according to claim 1, wherein a pressure at which the sprayed coating material hits the panel ranges from 0.2 MPa to 0.6 MPa.
8. The method according to claim 1, wherein the spray-coating is performed by using an air spray device that comprises a spray nozzle for spraying the coating material with compressed air.
9. The method according to claim 5, wherein the panel is located at a distance ranging from 150 mm to 220 mm from the spray nozzle of the air spray device, and the air is discharged from the spray nozzle at a pressure ranging from 0.3 MPa to 0.6 MPa.

10. An image display device comprising a face panel subjected to a surface treatment for forming at least one layer of coating film by spraying on the panel surface a coating material comprising microparticles, wherein the coating material comprises a solvent comprising ethylene glycol, propylene glycol ether, water and an alcohol having 1-3 carbon atoms.